

Aero Design Ltd.**Work Order Control Sheet**Work Order#: 2016-07 Date Opened: 07 Jan 16 Title: FabricationAircraft OEM: Bell Aircraft Model: 206B Product Type: Cabin Step Product Model: N/A Quantity: 1**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Notes

Initial or N/A

JC	N/A
	N/A
	JC
	JC
	JC
	N/A
	N/A
	N/A

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

1
0
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

JC
N/A
N/A
N/A
N/A

Drawing List

Drawing #	Rev #	Description	Initial or N/A
87810	0	Cabin Step Assembly	JC

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JC
N/A
N/A

Traveller

Cut extrusion, caps
Weld brackets
Powder Coat
Assemble

Initial or N/A

DB
DM
JC
JC

Work performed by:

Print: Andrew BartfaiSign: Day ButtSCA: AD07Date: 08-Jan-16

ICC / Dual Inspection performed by:

Print: Jeff ClarkeSign: Jeff ClarkeSCA: AD02Date: 16-Feb-16

Work Order closed by:

Print: Jeff ClarkeSign: Jeff ClarkeSCA: AD02Date: 16-Feb-16

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

Date Opened: 07 January 2016

Job #: 878
Project: Cabin Step
Type: Bell 206B

Approval: SH09-5
Drawing List: DCL878-11

Fabrication and Assembly Drawing(s)	Description
87810, Rev. 0	Step Assembly
87820, Rev. 0	Bracket
87821, Rev. 0	Bracket

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record: Y ✓
Document Control List revision level matches (or exceeds) STC: Y ✓
Drawings revision levels match Document Control List: Y ✓

Purchase order or Work order source is recorded for each part/ass'y: Y ✓
Tests and inspections specifically called out on drawings are complete: Y n/a
Release tags associated with all fabricated parts are attached: Y ✓
All mounting hardware and supplies are included: Y ✓

List all non-conformities raised: _____

Y/CAL
Inspector Signature: _____ Date: 16 Feb 2016

Drawing: 87810 Revision 0
 Assembly: 87810-01 Step Assembly
 Batch Quantity: 1 sets

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	87810-01	Step Assembly			
A/R	78230	Step Extrusion	6005A-T6 Aluminum	8021	
1	87820-01	Bracket	6061-T6 Aluminum, 6x1 Bar	WO 2010-40	
1	87821-01	Bracket	6061-T6 Aluminum, 6x1 Bar	WO 2010-40	
2	82730-04	Cap	6061-T6 Aluminum, 0.125" Sheet	14043	
4	96710-01	Fitting		15075	
8	NAS1149F0663P	Washer		15074	
A/R		Wingwalk	Randolph X1567	15019	

Processes	Per	Mat'ls Used		Initials
Welding	AMS2685C	ER4043 Rod	PO14056	AD-05
Powder Coating			PO16006	JC.
Final Inspection				JC

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: STEP BRACKET (206B) (6x1 6061-T6)

Manufacturer: AERO DESIGN

Part No.: 87820-01 / 87821-01 Serial / Batch No.: 10 8049

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2010-40

Remaining Tasks to be Performed: EXTRA PARTS.

Signature: [Signature]

Date: 31 JULY 2013 Lic. No. / ACA

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Remarks

In Process



WO# 2016-07

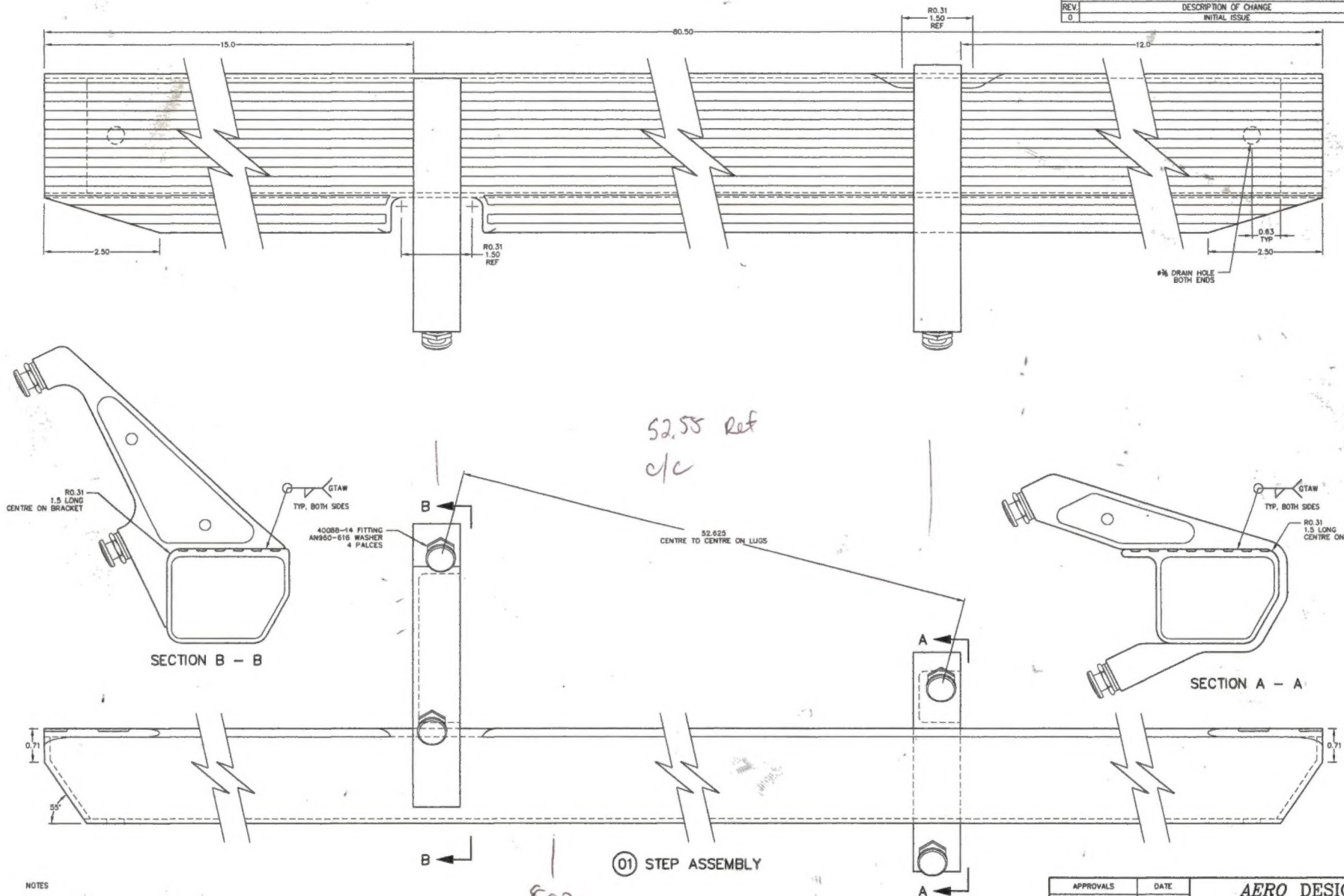
Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

WD 2016-07

REV		DESCRIPTION OF CHANGE	INITIALS	DATE
0		INITIAL ISSUE		

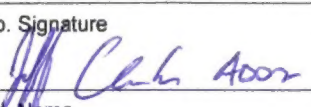


NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF 8081 ALUMINUM TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ANSI/AWS ER4043.
3. ALL ALUMINUM PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY. TREAD AREA IS TO BE PAINTED WITH RANDOLPH 11567 WINGWALK GRIP PAINT OR EQUIVALENT AFTER POWDER COATING.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
4	AN860-616	WASHER		AN860
4	4008B-14	FITTING		AN860
2	82730-04	D5 CAP		AN860
1	87820-01	D4 STEP BRACKET		AN860
1	87820-01	D3 STEP BRACKET		AN860
1	76230	D2 STEP EXTRUSION		AN860
1	87810-01	D1 STEP ASSEMBLY		AN860

APPROVALS		DATE	AERO DESIGN LTD.	
DRAWN	JEFF CLARKE	05 FEB 2010	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 690M	
CHECKED	E. BURTON		2010 - 99TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 0R7	
			tel: (403) 260-9027 fax: (403) 260-8333 www.aerodesign.ca	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES, ON:			BELL 206B STEP INSTALLATION STEP ASSEMBLY	
DECIMALS	ANGLES		SCALE 1:1	DWG. SIZE
X.XXX ±0.010	±1/2°		SHEET 1 OF 1	A1
X.XX ±0.03				87810
X.X ±0.1				0

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-07	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Step Assembly	87810-01	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 16 Feb 2016		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

WESTMAN AERIAL SPRAYING